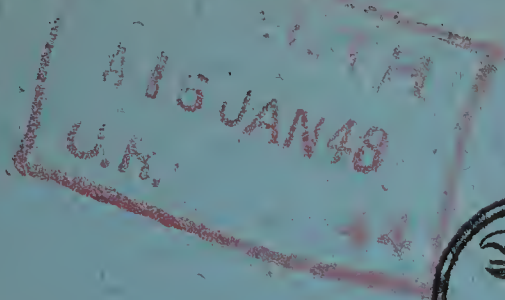


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Hebburn Urban District Council.

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

ON THE

Sanitary Conditions of the District  
during the year 1946.

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HEBBURN-ON-TYNE :

Printed by SMITH BROS. (Hebburn & Jarrow), Ltd.,  
Lyon Street.

1947.





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## **SYNOPSIS.**

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# HEBBURN URBAN DISTRICT COUNCIL.

---

1946—1947.

---

## **Chairman.**

G. Watson.

## **Vice-Chairman.**

Mrs. S. McIntyre.

## **MEMBERS.**

### **West Ward.**

Mrs. S. McIntyre.

P. English.

Mrs. M. Hepburn.

### **Central Ward.**

J. H. Edmunds.

J. H. Phillips.

County Coun.

Christopher Ellison.

### **North Ward.**

N. Frankland.

Mrs. A. Davies.

G. Watson, J.P.

### **East Ward.**

W. Bradley.

W. Brown.

J. Spelman.

### **Victoria Ward.**

W. M. Jackson.

W. Craig.

W. Hill.

### **South Ward.**

H. Oake.

R. Cooper.

R. Ferguson.

### **Monkton Ward.**

E. French.

W. McConway.

A. B. Collins.

## **Hospital Committee.**

### **CHAIRMAN :**

Mrs. A. Davies.

### **MEMBERS :**

Coun. French.

Coun. Jackson.

Coun. Brown.

Coun. Edmunds.

Coun. Bradley.

Coun. Spelman.

Coun. Oake.

Coun. Ferguson.

Coun. Phillips.

Coun. Craig.

HEALTH DEPARTMENT,  
ARGYLE STREET,  
HEBBURN,  
NOVEMBER, 1947.

**To the Chairman and Members of the Hebburn Urban  
District Council.**

MR. CHAIRMAN, MESDAMES AND GENTLEMEN,

I have the honour to submit my Annual Report for the year 1946, on the health and sanitary conditions of the district.

The birth-rate was higher than in 1945, the figures being 22.0 and 19.3 per 1,000 estimated resident population, respectively.

The death-rate was 12.8 per 1,000 in 1946 against 11.5 per 1,000 in the previous year.

The infantile mortality rate this year, 67.6 per 1,000 live births, was a good deal higher than last year when the figure was 48 per 1,000.

The principle causes of death in these young babies, 34 of which died before they reached the age of one year, were bronchitis and pneumonia, congenital malformations and birth injuries, and premature birth.

There were 37 notifications of respiratory tuberculosis and 6 notifications of non-respiratory tuberculosis this year compared with 39 and 8, respectively, last year.

The number of deaths from respiratory tuberculosis was 16 compared with 8 in 1945, and 6 deaths occurred from the non-respiratory type of the disease as against 3 in the previous year.

The incidence of diphtheria during the year showed a decrease on 1945, the respective figures being 2 and 12.

The number of scarlet fever cases was less than in 1945, 38 as against 58.

I would like to take this opportunity of recording my grateful appreciation for the assistance I have received from the Chairman and Members of the Council and also from the staff of the Health and Cleansing Departments, by fellow officials and the Matron and staff of the Hospital.

I am,

Your obedient Servant,

W. D. MILLAR,

M.B., B.S., B.Hy. (Durh.), D.P.H.,  
Medical Officer of Health.

# ANNUAL HEALTH REPORT.

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## STAFF OF THE HEALTH DEPARTMENT.

Medical Officer of Health and Superintendent of the Fever Hospital—William D. Millar, M.B., B.S., B.Hy. (Durham), D.P.H.

Sanitary Inspector—Robert McKellar, A.R.San.I., C.R.San.I., M.S.I.A.

Additional Sanitary Inspector—W. S. Bruce, M.R.San.I., M.S.I.A.

Sister-in-Charge of Isolation Hospital—Miss Josephine McCormack, S.R.N.

Cleansing Superintendent—Thomas Taggart.

Chief Clerk to Health Department—David A. McGuinness.

Shorthand-Typist to Health Department—Miss E. Bradley.

Shorthand-Typist to Cleansing Department—Miss E. Davies.

---

## Statistics and Social Conditions of the Area.

### SECTION A.

#### Statistics of the Area.

Area of District—1,676 acres.

Number of inhabited houses (at end of 1946 according to rate books)—6,163.

Rateable Value (December)—£104,628.

Sum represented by a penny rate—£393.

Estimated Resident Population—22,780.

#### Poor Law Relief.

The following information is kindly supplied by Mr. Hudson, Relieving Officer:—

Number of persons receiving out-door relief during 1946	1,523
Average weekly number of persons receiving in-door relief during 1946 .....	120



Total number of persons receiving in-door relief during	
1946 .....	326
Cost of relief during 1946 .....	£15,220

### EXTRACTS FROM VITAL STATISTICS.

Live Births—	Total.	M.	F.
Legitimate .....	473	240	233
Illegitimate .....	29	15	14
Birth Rate per 1,000 of the estimated resi- dent population, 22.0.			
Still Births—			
Legitimate .....	14	9	5
Illegitimate .....	—	—	—
Rate per 1,000 total (live and still) births, 27.0.			
Deaths .....	292	162	130
Death rate per 1,000 of the estimated resi- dent population, 12.8.			

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar-General's Short List)—

	Deaths.	Rate per 1,000 total (live & still) births.
No. 29—Puerperal Sepsis .....	1	1.93
No. 30—Other Maternal Causes...	1	1.93
	—	—
	2	3.86
	—	—

### Death Rate of Infants under one year of age:—

All Infants, per 1,000 live births .....	67.66
Legitimate Infants, per 1,000 legitimate live births .....	67.52
Illegitimate Infants, per 1,000 illegitimate live births...	68.96
Deaths from Cancer (all ages) .....	49
Deaths from Measles (all ages) .....	0
Deaths from Whooping Cough (all ages) .....	1
Deaths from Diarrhoea (under 2 years of age) .....	4



## VITAL STATISTICS.

### **Births.**

The birth-rate in 1946 was 22.0. The total number of births was 502 of which 255 were males and 247 females.

The birth-rate of Hebburn compared with the rest of the Country generally was as follows :—

England and Wales .....	19.1
126 County Boroughs and Great Towns .....	22.2
148 Smaller Towns .....	21.3
London Administrative County .....	21.5
Hebburn Urban District .....	22.0

### **Still Births** (Rates per 1,000 Civilian Population).

The number of still births in the district was 14, and compared with the Country generally was as follows :—

England and Wales .....	0.53
126 County Boroughs and Great Towns .....	0.67
148 Smaller Towns .....	0.59
London Administrative County .....	0.54
Hebburn Urban District .....	0.61

### **Deaths.**

The death-rate in 1946 was 12.8, as compared with 11.5 in 1945. The following figures show the comparison with the rest of the country :—

England and Wales .....	11.5
126 County Boroughs and Great Towns .....	12.7
148 Smaller Towns .....	11.7
London Administrative County .....	12.7
Hebburn Urban District .....	12.8

The following table shows the classification of deaths from all causes (Registrar-General's figures) 1946:—

CAUSES OF DEATH.			Males.	Females.
All Causes.			162	130
1	Typhoid and paratyphoid fevers ...	...	...	...
2	Cerebro-spinal fever ...	...	0	...
3	Scarlet Fever ...	...	...	...
4	Whooping-Cough ...	...	...	1
5	Diphtheria ...	...	0	...
6	Tuberculosis of respiratory system	...	9	7
7	Other forms of tuberculosis ...	...	4	2
8	Syphilitic Disease ...	...	1	...
9	Influenza ...	...	1	4
10	Measles ...	...	...	...
11	Acute Poliomyelitis and polioencephalitis ...	...	...	...
12	Acute Inf. Encephalitis ...	...	0	...
13	Cancer of buccal cavity and oesophagus (males): uterus (females)	...	3	1
14	Cancer of stomach and duodenum	...	9	4
15	Cancer of breast ...	...	0	3
16	Cancer of all other sites ...	...	19	10
17	Diabetes ...	...	0	3
18	Intra-cranial vascular lesions ...	...	14	13
19	Heart disease ...	...	29	31
20	Other diseases circulatory system	...	1	5
21	Bronchitis ...	...	15	5
22	Pneumonia ...	...	10	6
23	Other respiratory diseases ...	...	6	2
24	Ulcer of stomach or duodenum ...	...	2	1
25	Diarrhoea (under 2 years) ...	...	1	3
26	Appendicitis ...	...	1	0
27	Other digestive diseases ...	...	5	4
28	Nephritis ...	...	3	4
29	Puerperal and post-abortive sepsis	...	...	1
30	Other maternal causes ...	...	...	1
31	Premature birth ...	...	3	1
32	Congenital malformations, birth injury (inf. dis.) ...	...	5	8
33	Suicide ...	...	1	0
34	Road traffic accidents ...	...	1	2
35	Other violent causes ...	...	4	3
36	All other causes ...	...	15	5

CLINIC.	SITUATION.	SESSIONS.	PROVIDED BY.
Maternity & Child Welfare	Argyle Street, Hebburn.	Children under Five—Tuesdays, a.m. Ante-Natal—Tuesday, p.m. Children under Five—Tuesdays, p.m.	Durham County Council.
"	"		"
"	"	Ante and Post-Natal—Wednesdays, a.m. to p.m.	"
"	"	Children under Five—Fridays, a.m. Ante-Natal—Fridays, p.m. Children under Five—Fridays, p.m.	"
"	"		"
"	"		"
School Medical Service.	"	School Children—Mondays, a.m. to p.m. School Children—Thursdays, a.m. to p.m.	"
"	"		"
Tuberculosis Dispensary.	Homer Villa, St. John's Terrace, Jarrow.	Women's & Girls—Mondays, a.m. to p.m. Men & Boys—Wednesdays, a.m. to p.m.	"
"	"		"
Venereal Diseases.	General Hospital, Westgate Road, Newcastle, 4.	Male & Female—Mondays to Fridays,— 10 a.m. to 12 noon. 3 p.m. to 7 p.m. Saturdays— 11 a.m. to 12 noon. 4-30 p.m. to 6-30 p.m.	"
			"

## SECTION B.

### **General Provision of Health Services in the Area.**

#### **LABORATORY FACILITIES.**

There has been no change in the laboratory arrangements during the past year. Bacteriological examinations are carried out at the Public Health Laboratory, King's College, Newcastle-on-Tyne, in accordance with arrangements made between the Council and Durham University.

#### **NURSING IN THE HOME.**

There is a Voluntary Nursing Association in the district which maintains two distinct nurses.

During 1946, the total number of cases nursed was 233, and the total number of visits paid was 8,167.

The Local Authority makes an annual grant of £50 to the Nursing Association.

#### **HOSPITALS: PUBLIC AND VOLUNTARY.**

There is an Isolation Hospital for Infectious Diseases at Hebburn, which is maintained by this Local Authority. It consists of 2 large wards and 2 small wards. Total accommodation 20 beds and 10 cots.

The other hospitals outside of the district, which are made use of for the treatment of medical and surgical cases are:—

Royal Victoria Infirmary, Newcastle-on-Tyne.

Newcastle General Hospital.

Hospital for Infectious Diseases, Walker Gate, Newcastle-on-Tyne.

Fleming Memorial Children's Hospital, Newcastle-on-Tyne.

Princess Mary Maternity Hospital, Newcastle-on-Tyne.

Eye Infirmary, Newcastle-on-Tyne.

Ellison Hall Infirmary, Hebburn-on-Tyne.

South Shields General Hospital, 169, Harton Lane, South Shields.

Danesfield Maternity Home, Bede Burn Road, Jarrow-on-Tyne.

## SECTION C.

### **Sanitary Circumstances of the Area.**

#### **1. (i) WATER SUPPLY.**

The Urban District is supplied with water from the mains of



the Newcastle and Gateshead Water Co., and the Sunderland and South Shields Water Co.

(ii) **DRAINAGE.**

No important developments have taken place during the year.

**2. RIVERS AND STREAMS.**

The river Tyne is the only large waterway and serves as a common sewer for the many townships along its banks.

With the extension of water-carriage systems and the increasing number of houses, all of which are creating a larger flow of sewage into the river, and also, owing to the nature of the tidal flow, which prevents the rapid discharge of this sewage to the open sea, the state of the river is very highly polluted.

3. (i) There are 5,850 water-closets and 7 privy box closets in Hebburn.

(ii) **PUBLIC CLEANSING.**

**Report of Cleansing Superintendent.**

**TO THE MEDICAL OFFICER OF HEALTH.**

Sir,

I beg to submit to you my Annual Report for the year 1946.

Efforts have been made to maintain the Public Cleansing Service to satisfaction. Regular inspections of the district have been made and no serious complaints or difficulties have arisen during the year.

Much attention has been given to Salvage Recovery, but the public response to our appeals has not been satisfactory. However, I am of the opinion that the position will gradually improve in the future.

No serious complaints have arisen during the year and all effort has been made to upkeep an efficient standard of cleanliness in the district.

I am,

Yours faithfully,

THOMAS TAGGART,

Cleansing Superintendent.

**Collection and Disposal of Refuse.**

There were 6,406 houses and premises from which refuse was collected and disposed of. 90% of the refuse collection work was

done by mechanical vehicles and 10% by horse-drawn vehicles. The mechanical vehicles consist of one Leyland Cub Refuse Collector and one Karrier Bantam Refuse Collector, the body capacity of each vehicle being 7 cubic yards. Each vehicle is manned by 4 loaders. A New Dennis Refuse Collector (10 cubic yards) was purchased on 12th November, 1946, to replace the Karrier Bantam Motor which is to be disposed of after 11 years of service.

One horse vehicle and one loader are also part-time engaged on House Refuse Collection and part-time on Scavenging Work. Trade Refuse is collected from Shops, etc., on an average of three collections per week. House Refuse and Salvage is collected once a week. Two large trailer vans, attached to the Refuse Collection vehicles, are used for the collection of salvage.

The system of refuse disposal adopted by this Authority is Controlled Tipping, and the Ministry of Health precautions regarding this method have been observed. The tipping ground is the property of Messrs. A. Reyrolle and Co. Ltd., and is situated at the west boundary of the Company's works. The site is suitably distant from the residential area, and no complaints from the public have arisen during the year as the result of tipping operations on this site.

By the kind permission of Messrs. A. Reyrolle and Co. Ltd., we are allowed to use this site as a refuse disposal tip free of cost.

In general, the whole of this service has been maintained to satisfaction during the year and no serious complaints were recorded.

However, I must draw attention to the gradual decline in Salvage Recovery. During the year we have made several appeals to the public to increase their output of salvage, but improved results have not been forthcoming. The apathy of the public to this service still continues but I am of the opinion that with our persistent efforts, the position will improve in the future.

### **Street Sweeping.**

There are 28.81 miles of streets in the district, of which 1.4 are swept daily, 1.29 miles three times weekly, 2.63 miles twice weekly, and 23.49 miles once weekly.

The district is divided into eight cleansing areas, and street sweepings are deposited at suitable depots or tips in each area. In built up areas where there are no convenient tips, sweepings are collected daily from each depot.

During the year this service has been maintained to satisfaction, and no serious difficulties have arisen.

### Gully Cleansing.

All gullies are mechanically cleansed by a Dennis Mechanical Gully Emptier with tank capacity of 750 gallons (350 gallons sludge compartment and 400 clean water compartment). Street Washing and Sewer Flushing is also done by this machine.

There are 2,250 gullies in the district which are cleansed at least, at the rate of twelve cleansings per annum. Many of the back street gullies are cleansed at the rate of twenty cleansings per annum, particularly in densely populated areas.

During the year the sewers in the district were systematically flushed and cleansed, and no serious complaints were recorded.

### Annual Return of Salvage.

	Tons.	Cwts.	Qrs.	lbs.		£	s.	d.
Waste Paper .....	51	2	—	—	...	314	2	3
Light Scrap Metal .....	2	11	—	—	...	4	13	8
Kitchen Waste .....	36	18	—	—	...	55	12	6
Textiles .....	—	12	—	7	...	6	19	7
Bones .....	—	3	—	—	...	0	16	3
Bottles, Jars, etc.—15 Empty Carboys					...	3	15	0
Totals ...	91	6	—	7	...	£385	19	3

### Quantity of Refuse Collected during the Year.

	Motor Loads.	Cart Loads.
House Refuse .....	2,764	... 304
Trade Refuse .....	32	... 712
Scavenging (gully sludge, sweepings, etc.)..	285	... 347

### Collection and Disposal of Refuse during the Year Ending 31st December, 1946.

House and Trade Refuse (excluding salvage) .....	6,506 tons.
Street Sweepings and Gully Sludge .....	642 tons.
Total Refuse Disposed of at the tip .....	7,148 tons.
Total salvage collected and disposed of .....	91 tons.
Total ...	7,239 tons.



**(iii) GENERAL SANITARY WORK.**

The district has been systematically inspected for the detection of nuisances.

**(iv) INFECTIOUS DISEASES.**

During the year 67 visits were made in connection with infectious diseases. When necessary the premises were inspected and particulars respecting the household were reported to the Medical Officer of Health.

Number of houses disinfected ..... 61

Number of lots of bedding disinfected ..... 61

**(v) SHOPS ACT.**

No action was taken during the year.

**(vi) CAMPING SITES.**

1. Number of sites in the area which were used for camping purposes ..... Nil.
1. Number of camping sites in respect of which licences have been issued by L. A. under Section 269 P.A. Act, 1936 ..... Nil.
3. The estimated number of campers resident in the area at one time during 1946 ..... Nil.

**(vii) SMOKE NUISANCE.**

In a purely industrial area such as Hebburn, it is almost impossible to have a clear atmosphere. Some factories, or works, owing to the nature of the processes which are being carried out, emit, from time to time, fumes or heavy smoke from the chimneys. A careful watch is kept on these premises, and steps are taken to have any nuisance that may occur, abated.

**(viii) SWIMMING POOLS.**

There are no swimming pools within the Urban District.

**(ix) ERADICATION OF BED BUGS.**

Council Houses. Other Houses.

Number of houses infested ... Nil. ... 5

All infested dwellings are sprayed with Zaldecide containing D.D.T.

No general disinfectation scheme for Council Houses and removals to Council houses is in force. On complaint of bug



infestation, premises are visited and treatment is carried out.

(x) **RODENT CONTROL.**

The Rats and Mice Destruction Act of 1919 is administered by Durham County Council.

Maintenance treatment for Rodent Control—during the year, two concentrated treatments were carried out in the sewers and on the Council tip, with very good results.

Health Department,  
Council Buildings,  
Hebburn.

**Report of Sanitary Inspector.**

TO THE MEDICAL OFFICER OF HEALTH.

SIR,—

I beg to submit to you my 32nd Annual Report, upon the work of the Sanitary Department for the year 1946.

I am,

Your obedient Servant,

ROBERT McKELLAR,  
Sanitary Inspector.

**SECTION D.**

**Housing.**

**1. ERECTION OF HOUSES.**

59 Prefabricated houses, of the three room type, were occupied in November and December.

**2. REPAIR OF EXISTING HOUSES.**

(a) The work in connection with the repair and maintenance of existing houses was carried on vigorously, but only urgent and very needful repairs can be insisted on because of the shortage of materials.

Total number of inspections carried out in connection with housing (under Public Health or Housing Acts) .....	1,551
--	-------

Total number of revisits made .....	834
-------------------------------------	-----

(b) Number of informal notices served to remedy defects..	440
---	-----

Number of informal notices complied with during year without service of Formal Notices .....	252
---	-----

### 3. Action under Statutory Powers during the year.

#### A. Proceedings under Sections 9, 10 and 11 of the Housing Act, 1936:—

(1) Numbers of dwelling-houses in respect of which Notices were served under Section 9 .....	21
(2) Number of dwelling-houses which were rendered fit after service of Formal Notices .....	13

#### B. Proceedings under the Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied.	
(a) Under Section 93 .....	114
(b) Under Section 45 .....	9
(c) Under Section 75 .....	44
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—	
(a) Under Section 93 .....	98
(b) Under Section 45 .....	8
(c) Under Section 75 .....	31

#### C. Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which Demolition Orders were made .....	1
(2) Number of dwelling-houses demolished in pursu- ance of Demolition Orders .....	1

#### D. Proceedings under Section 12 of the Housing Act, 1936 .....

Nil.

### 4. HOUSING ACT, 1936—OVERCROWDING.

(a) Number of dwellings overcrowded at the end of the year .....	508
(b) Number of new cases reported during the year...	1
(c) (i) Number of cases of overcrowding relieved dur- ing the year .....	44
(ii) Number of persons concerned .....	158

The Local Authority wherever possible endeavour to abate overcrowding in their own property by re-adjustment of tenancies.

**Summary of Work Done in Compliance with Notices.**

Roofs repaired .....	108
Chimney Stacks repaired .....	5
Smoke Nuisances remedied .....	8
New Chimney Pots provided .....	3
Eaves Gutters renewed .....	11
Eaves Gutters repaired, or cleaned out .....	27
Downspouts renewed .....	13
Downspouts repaired, or cleaned out .....	22
External walls repointed .....	16
Plasterwork renewed .....	36
Defective Ceiling renewed .....	14
Dampness on walls remedied .....	27
Wood Floors renewed or repaired .....	35
Windows renewed or repaired .....	25
Doors renewed or repaired .....	72
Staircases repaired .....	11
Fireplaces repaired .....	17
Ovens repaired .....	6
Sink Waste Pipes renewed .....	21
New Set Pots provided .....	5
Water Supplies provided .....	14
Hot Water System repaired .....	2
Drains cleared .....	32
W.C.'s cleared .....	28
Yard Gullies and Grates provided .....	1
New W.C. Pedestals provided (or repaired) .....	25
Outbuildings repaired .....	14
Accumulations of Refuse removed .....	3
New Dust Bins provided .....	50
Concrete Floors renewed .....	4
W.C.'s Repaired (Flushing cistern) .....	12
Thresholds renewed .....	3
Skirting Boards renewed .....	2
Hearth renewed .....	2
Banister Rails renewed .....	5
Dirty Premises cleansed .....	2
Nuisances from empty shops abated .....	2
Door Furniture provided .....	32
Mantle Registers refixed .....	7
Weatherboards renewed .....	3

Scullery Sinks reset .....	1
Mice infestations .....	1
Lintels renewed .....	6
Brickwork rebuilt .....	10
Yard Surfaces repaired .....	2
Bug infestations .....	1
Concrete Steps renewed .....	—

## 5. REHOUSING.

Number of inspections and visits in connection with  
rehousing under the Council's housing scheme ... 125

(Signed) W. S. BRUCE, M.R.S.I., M.S.I.A.,  
Sanitary Inspector.

## SECTION E.

### Inspection and Supervision of Food.

#### (a) MEAT AND OTHER FOODS.

There is no slaughtering of Beasts and Sheep in the Hebburn Area, all animals are slaughtered at the Government Centralised Slaughter-house in Newcastle. All pigs slaughtered for pig clubs and private individuals, were examined.

92 Visits to food-preparing premises were made during the year. 5 Informal Notices were served on the occupiers to cleanse the premises, these were all complied with.

#### FOOD CONDEMNED.

The following foodstuffs were examined and condemned as unfit for human consumption:—

1 cwt. 8 lbs. Beef.  
2 cwts. 1 qr. Cabbage.  
10 lbs. Fat.  
18 lbs. 14 ozs. Butter.  
27½ lbs. Sausages.  
12 lbs. Tinned Salmon.  
44 lbs. Margarine.  
5 lbs. Quaker Oats.  
25 lbs. Bacon.  
7 lbs. Pork.  
11 lbs. Peas.



4 lbs. Fish.  
 10 lbs. Sugar.  
 2 lbs. Dried Egg.  
 16 lbs. Beef Brisket.  
 6 lbs. Tongue.  
 2 lbs. Dried Fruit.  
 4 lbs. Syrup.  
 16 lbs. Bee Brisket.  
 1 Case Oranges.  
 8 lbs. Tomatoes.  
 15 lbs. Prunes.  
 9 Tins Stewed Steak.  
 84 Tins Evaporated Milk.  
 6 Tins Full Cream Milk.  
 4 Tins Pilchards.  
 2 Tins Pork and Beans.  
 14 Tins Beans.  
 11 Jars Jam.  
 12 lbs. Meat Roll.  
 1 Tin Sardines.  
 1 Tin Sausage Meat.  
 1 Tin Luncheon Meat.  
 1 Tin M. & V. Ration.  
 1 Jar Pickled Onions.

### **COWSHEDS AND DAIRIES.**

There are four cowsheds in the district, namely—Blue House Farm, Burnhead Farm, Redhouse Farm and Mill Lane Farm. These cowsheds have been regularly cleansed and limewashed during the year.

There are four producers and three dairies who retail ordinary milk in the district, and one firm outside who retails pasteurised milk.

All cowsheds and dairies were inspected at regular intervals during the year.

### **MANUFACTURE OF ICE CREAM.**

Two premises are registered for the manufacture of ice cream—each of these premises complies with the requirements of Section 13 of the Food and Drugs Act, 1938.

**SECTION F.****Prevention and Control over Infectious and Other Diseases.****VACCINATION.**

The following table gives details of vaccination carried out during the year:—

Births.	Vaccinated Successfully.	Insus-ceptible.	Died un-vaccinated.	Conscien-tious Objectors.	P.p. by Medical Cert.	Removed. Address Traced.	Removed. Address Not Traced.
391	242	nil.	14	129	6	6	—

I am indebted to Mr. H. W. Cartman, Registrar and Vaccination Officer, for the above information.

**DIPHTHERIA.**

8 cases were notified and admitted to Hospital as diphtheria. 2 cases proved to be diphtheria and 6 to be tonsillitis. There were no deaths from this disease.

**DIPHTHERIA IMMUNISATION.**

A Summary of the state of the Diphtheria Immunisation Campaign from its inception in 1941 to the end of 1946, is given below.

**Number of Children who had completed a full course of Immunisation up to 31st December, 1946:—**

Under 1 Born 1946	1 1945	2 1944	3 1943	4 1942	5-9 1937-41	10-14 1932-46	Total under 15 years.
Nil.	115	210	245	235	2,002	1,471	4,278

**SCARLET FEVER.**

38 Cases were notified and admitted to Hospital as Scarlet Fever. They all proved to Scarlet Fever. There was no deaths.

**WHOOPING COUGH.**

114 Cases were notified during the year as against 27 last year. There was one death from this disease.

**MEASLES.**

288 Cases of Measles were notified during 1946 compared with 307 in 1945. There were no deaths.

**ERYSIPELAS.**

11 Cases were notified. 10 of these occurred between the ages of 46—65.

**PNEUMONIA.**

53 Cases were notified against 32 last year. This disease was prevalent throughout the severe winter months and affected all ages.

**VENEREAL DISEASES.**

I am indebted to the County Medical Officer for the following information:—

The number of inhabitants of Hebburn attending the Clinics for Venereal Diseases during 1946 was 107 males and 14 females, as against 52 and 30, respectively in 1945.

**Factories Act, 1937.**

**1. Inspections for purposes of provisions as to Health, including inspections made by Sanitary Inspectors.**

Premises. (1)	No. of Inspections. (2)	No. of Written Notices. (3)	No. of Occupiers Prosecuted. (4)
Factories with mechanical power,	76	—	—
Factories without mechanical power .....		—	—
Other premises (not including outworkers premises) .....	—	—	—
Total ...	76	—	—

**2. Defects found.**

Particulars. (1)	Number of Defects.			(5) No. of defects in respect of which prosecutions were instituted.
	Found. (2)	Remedied. (2)	Referred to H.M. Inspector. (4)	
Want of cleanliness (S.1) .....	—	—	—	—
Overcrowding (S.2) .....	—	—	—	—
Unreasonable temperature (S.3) .....	—	—	—	—
Inadequate ventilation (S.4) .....	—	—	—	—
Ineffective drainage of floors (S.6) ...	—	—	—	—
Sanitary Conveniences (S.7)—				
Insufficient .....	—	—	—	—
Unsuitable or defective .....	—	—	—	—
Not separate for Sexes .....	—	—	—	—
Other Offences .....	—	—	—	—

**Factories Act, 1937—Section 34.**

Three factories were examined for means of escape in case of fire. Certificates were given by the District Council to each factory stating the means of escape in case of fire were adequate.



**Tuberculosis—New Cases and Mortality for 1946.**

Age Periods.	New Cases.				Deaths.			
	Pulmonary		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 .....	—	—	1	—	—	—	—	—
1—5 .....	1	—	—	—	—	1	1	1
6—15 .....	1	—	—	1	—	—	1	—
16—25 .....	6	—	—	1	3	1	2	1
26—35 .....	12	8	2	—	3	5	—	—
36—45 .....	—	6	1	—	2	—	—	—
46—55 .....	2	—	—	—	1	—	—	—
56—65 .....	—	—	—	—	—	—	—	—
66 and upwards	1	—	—	—	—	—	—	—
<b>TOTAL .....</b>	<b>23</b>	<b>14</b>	<b>4</b>	<b>2</b>	<b>9</b>	<b>7</b>	<b>4</b>	<b>2</b>

There were 4 deaths from Tuberculosis in respect of which no notifications had been received before death.

**TUBERCULOSIS.**

**Respiratory Tuberculosis.**—37 notifications were received compared with 39 in 1945.

There were 16 deaths compared with 8 last year.

**Non-Respiratory Tuberculosis.**—6 notifications were received compared with 8 in 1945.

There were 6 deaths compared with 3 last year.

Notifiable Disease	At Ages—Years.							at all ages	Total No Notified.	Removed to Hospital.
	under 1.	At Ages—Years.								
		1 to 5	6 to 15	16 to 25	26 to 45	46 to 65	66 up.			
Diphtheria	...	...	2	...	...	...	...	2	...	2
Encephalitis lethargica	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	1	...	...	1	9	...	11	...	...
Ophthalmia Neonatorum	5	...	...	...	...	...	...	5	...	...
Pneumonia	...	7	2	5	21	15	1	53	...	...
Puerperal Pyrexia	...	...	...	2	2	...	...	4	...	...
Scarlet Fever	...	13	21	4	...	...	...	38	...	...
Small Pox	...	...	...	...	...	...	...	...	...	...
Tuberculosis—Pulmonary	...	1	1	15	18	1	1	37	...	...
Non-Pulmonary	1	...	2	2	1	...	...	6	...	...
Measles	...	10	218	60	...	...	...	288	...	...
Whooping Cough	...	9	76	29	...	...	...	114	...	...
Cerebro-Spinal Fever	...	...	...	...	1	...	...	1	...	1
Totals	27	316	117	28	44	25	2	559	...	45





